

SEQUENCE LISTING

1. GENERAL INFORMATION:

- (i) APPLICANT: ROMEO, Tony; SUZUKI, Kazushi; and WANG, Xin
- (ii) TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING BACTERIAL FUNCTIONS

(iii) NUMBER OF SEQUENCES: 8

(iv) CORRESPONDENCE ADDRESS:

Ridout & Maybee LLP
19th Floor - 150 Metcalfe Street
Ottawa, Ontario
K2P 1P1

(v) COMPUTER-READABLE FORM:

- a) COMPUTER: IBM Compatible
- b) OPERATING SYSTEM: MS DOS
- c) SOFTWARE: EditPad

(vi) CURRENT APPLICATION DATA:

- a) APPLICATION NUMBER:
- b) FILING DATE:
- c) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- a) APPLICATION NUMBER: 60/414,351
- b) FILING DATE: 09/30/2002
- c) CLASSIFICATION:

2. INFORMATION FOR SEQ ID NO: 1

(i) SEQUENCE CHARACTERISTICS:

- a) LENGTH: 7
- b) TYPE:
- c) STRANDEDNESS:
- d) TOPOLOGY:

(ii) MOLECULE TYPE: RNA

(iii) HYPOTHETICAL:

(iv) ANTI-SENSE:

(v) FRAGMENT TYPE:

(vi) ORIGINAL SOURCE:

(vii) IMMEDIATE SOURCE:

(viii) POSITION IN GENOME:

- a) CHROMOSOME/SEGMENT:

- b) MAP POSITION:
- c) UNITS:

(ix) FEATURE:

- a) NAME/KEY:
- b) LOCATION:
- c) IDENTIFICATION METHOD:
- d) OTHER INFORMATION:

(x) PUBLICATION INFORMATION:

- a) AUTHOR(S):
- b) TITLE:
- c) JOURNAL:
- d) VOLUME:
- e) ISSUE:
- f) PAGE(S):
- g) DATE:
- h) DOCUMENT NUMBER:
- i) FILING DATE:
- j) PUBLICATION DATE:
- k) RELEVANT RESIDUES IN SEQUENCE ID NO:

(xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 1

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7

2. INFORMATION FOR SEQ ID NO: 2

(i) SEQUENCE CHARACTERISTICS:

- a) LENGTH: 19
- b) TYPE:
- c) STRANDEDNESS:
- d) TOPOLOGY:

(ii) MOLECULE TYPE: RNA

(iii) HYPOTHETICAL:

(iv) ANTI-SENSE:

(v) FRAGMENT TYPE:

(vi) ORIGINAL SOURCE:

(vii) IMMEDIATE SOURCE:

(viii) POSITION IN GENOME:

- a) CHROMOSOME/SEGMENT:
- b) MAP POSITION:
- c) UNITS:

(ix) FEATURE:

- a) NAME/KEY:
- b) LOCATION:
- c) IDENTIFICATION METHOD:

d) OTHER INFORMATION:

(x) PUBLICATION INFORMATION:

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- f) PAGE(S):
- g) DATE:
- h) DOCUMENT NUMBER:
- i) FILING DATE:
- j) PUBLICATION DATE:
- k) RELEVANT RESIDUES IN SEQUENCE ID NO:

(xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 2

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19

2. INFORMATION FOR SEQ ID NO: 3

(i) SEQUENCE CHARACTERISTICS:

- a) LENGTH: 19
- b) TYPE:
- c) STRANDEDNESS:
- d) TOPOLOGY:

(ii) MOLECULE TYPE: RNA

(iii) HYPOTHETICAL:

(iv) ANTI-SENSE:

(v) FRAGMENT TYPE:

(vi) ORIGINAL SOURCE:

(vii) IMMEDIATE SOURCE:

(viii) POSITION IN GENOME:

- a) CHROMOSOME/SEGMENT:
- b) MAP POSITION:
- c) UNITS:

(ix) FEATURE:

- a) NAME/KEY:
- b) LOCATION:
- c) IDENTIFICATION METHOD:
- d) OTHER INFORMATION:

(x) PUBLICATION INFORMATION:

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- e) ISSUE:
- f) PAGE(S):
- g) DATE:
- h) DOCUMENT NUMBER:
- i) FILING DATE:
- j) PUBLICATION DATE:
- k) RELEVANT RESIDUES IN SEQUENCE ID NO:

(xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 3

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2. INFORMATION FOR SEQ ID NO: 4

(i) SEQUENCE CHARACTERISTICS:

- a) LENGTH: 19
- b) TYPE:
- c) STRANDEDNESS:
- d) TOPOLOGY:

(ii) MOLECULE TYPE: RNA

(iii) HYPOTHETICAL:

(iv) ANTI-SENSE:

(v) FRAGMENT TYPE:

(vi) ORIGINAL SOURCE:

(vii) IMMEDIATE SOURCE:

(viii) POSITION IN GENOME:

- a) CHROMOSOME/SEGMENT:
- b) MAP POSITION:
- c) UNITS:

(ix) FEATURE:

- a) NAME/KEY:
- b) LOCATION:
- c) IDENTIFICATION METHOD:
- d) OTHER INFORMATION:

(x) PUBLICATION INFORMATION:

- a) AUTHOR(S):
- b) TITLE:
- c) JOURNAL:
- d) VOLUME:
- e) ISSUE:
- f) PAGE(S):
- g) DATE:
- h) DOCUMENT NUMBER:
- i) FILING DATE:
- j) PUBLICATION DATE:
- k) RELEVANT RESIDUES IN SEQUENCE ID NO:

(xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 4

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2. INFORMATION FOR SEQ ID NO: 5

(i) SEQUENCE CHARACTERISTICS:

- a) LENGTH: 28
- b) TYPE:
- c) STRANDEDNESS: single
- d) TOPOLOGY:

(ii) MOLECULE TYPE: DNA

(iii) HYPOTHETICAL:

(iv) ANTI-SENSE:

(v) FRAGMENT TYPE:

(vi) ORIGINAL SOURCE:

(vii) IMMEDIATE SOURCE:

(viii) POSITION IN GENOME:

- a) CHROMOSOME/SEGMENT:
- b) MAP POSITION:
- c) UNITS:

(ix) FEATURE:

- a) NAME/KEY:
- b) LOCATION:
- c) IDENTIFICATION METHOD:
- d) OTHER INFORMATION:

(x) PUBLICATION INFORMATION:

- a) AUTHOR(S):
- b) TITLE:
- c) JOURNAL:
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- i) FILING DATE:
- j) PUBLICATION DATE:
- k) RELEVANT RESIDUES IN SEQUENCE ID NO:

(xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 5

GAGAAATGCAT ACGCCAAAAT GAGGACAG

28

2. INFORMATION FOR SEQ ID NO: 6

(i) SEQUENCE CHARACTERISTICS:

- a) LENGTH: 28
 - b) TYPE:
 - c) STRANDEDNESS: single
 - d) TOPOLOGY:
- (ii) MOLECULE TYPE: DNA
- (iii) HYPOTHETICAL:
- (iv) ANTI-SENSE:
- (v) FRAGMENT TYPE:
- (vi) ORIGINAL SOURCE:
- (vii) IMMEDIATE SOURCE:
- (viii) POSITION IN GENOME:
 - a) CHROMOSOME/SEGMENT:
 - b) MAP POSITION:
 - c) UNITS:
- (ix) FEATURE:
 - a) NAME/KEY:
 - b) LOCATION:
 - c) IDENTIFICATION METHOD:
 - d) OTHER INFORMATION:
- (x) PUBLICATION INFORMATION:
 - a) AUTHOR(S):
 - b) TITLE:
 - c) JOURNAL:
 - d) VOLUME:
 - e) ISSUE:
 - f) PAGE(S):
 - g) DATE:
 - h) DOCUMENT NUMBER:
 - i) FILING DATE:
 - j) PUBLICATION DATE:
 - k) RELEVANT RESIDUES IN SEQUENCE ID NO:
- (xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 6

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28

2. INFORMATION FOR SEQ ID NO: 7

- (i) SEQUENCE CHARACTERISTICS:
 - a) LENGTH: 27
 - b) TYPE:
 - c) STRANDEDNESS: single
 - d) TOPOLOGY:
- (ii) MOLECULE TYPE: DNA

- (iii) HYPOTHETICAL:
- (iv) ANTI-SENSE:
- (v) FRAGMENT TYPE:
- (vi) ORIGINAL SOURCE:
- (vii) IMMEDIATE SOURCE:
- (viii) POSITION IN GENOME:
- a) CHROMOSOME/SEGMENT:
- b) MAP POSITION:
- c) UNITS:
- (ix) FEATURE:
- a) NAME/KEY:
- b) LOCATION:
- c) IDENTIFICATION METHOD:
- d) OTHER INFORMATION:
- (x) PUBLICATION INFORMATION:
- a) AUTHOR(S):
- b) TITLE:
- c) JOURNAL:
- d) VOLUME:
- e) ISSUE:
- f) PAGE(S):
- g) DATE:
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- i) FILING DATE:
- j) PUBLICATION DATE:
- k) RELEVANT RESIDUES IN SEQUENCE ID NO:
- (xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 7

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27

2. INFORMATION FOR SEQ ID NO: 8

- (i) SEQUENCE CHARACTERISTICS:
- a) LENGTH: 28
- b) TYPE:
- c) STRANDEDNESS: single
- d) TOPOLOGY:
- (ii) MOLECULE TYPE: DNA
- (iii) HYPOTHETICAL:
- (iv) ANTI-SENSE:
- (v) FRAGMENT TYPE:

- (vi) ORIGINAL SOURCE:
- (vii) IMMEDIATE SOURCE:
- (viii) POSITION IN GENOME:
- a) CHROMOSOME/SEGMENT:
 - b) MAP POSITION:
 - c) UNITS:
- (ix) FEATURE:
- a) NAME/KEY:
 - b) LOCATION:
 - c) IDENTIFICATION METHOD:
 - d) OTHER INFORMATION:
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 - b) TITLE:
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 - k) RELEVANT RESIDUES IN SEQUENCE ID NO:
- (xi) SEQUENCE DESCRIPTION: SEQUENCE ID NO: 8

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28